

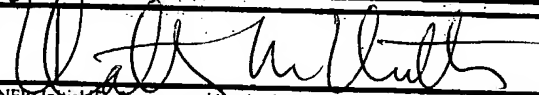
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/430,919
		Filing Date	November 1, 1999
		First Named Inventor	Chum et al.
		Group Art Unit	1772
		Examiner Name	M. Patterson
		Atty. Docket Number	43225-42977USPT
Sheet	1	of	2

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
~	AA	3,645,992		Elston	02/29/1972	
~	AB	3,456,044		Pahlke	07/15/1969	
~	AC	3,485,706		Evans	12/23/1969	
~	AD	4,322,027		Reba	03/30/1982	
~	AE	4,352,849		Mueller	10/05/1982	
~	AF	4,340,563		Appel et al.	07/20/1982	
~	AG	4,413,110		Kavesh et al.	11/01/1983	
~	AH	4,597,920		Golike	07/01/1986	
~	AI	4,663,220		Wisneski et al.	05/05/1987	
~	AJ	4,798,081		Hazlitt et al.	01/17/1989	
~	AK	4,837,084		Warren	06/06/1989	
~	AL	4,865,902		Golike et al.	09/12/1989	
~	AM	5,747,594		deGroot et al.	05/05/1998	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No ¹	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (If known)		
~	AN	WO	9425523	A	Dow Chemical	11/10/1994
~	AO	EP	0572034	A	Idemitsu Kosan Co.	12/01/1993
~	AP	EP	0057238	A	Mitsui Petrochem. Ind.	08/11/1982
~	AQ	WO	90/03414	A	Exxon Chemical	04/05/1990
~	AR	WO	01/32771	A1	Dow Chemical	05/10/2001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
~	AS	Search Report, 2/12/2001.	

Examiner Signature 	Date Completed 11-04
--	----------------------------

*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

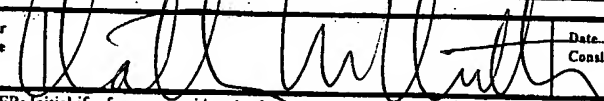
Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/430,919
		Filing Date	November 1, 1999
		First Named Inventor	Chum et al.
		Group Art Unit	1772
		Examiner Name	M. Patterson
Sheet 2 of 2	Atty. Docket Number		43225-42977USPT

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
~	BA	4,668,566		Braun	05/26/1987	
~	BB	4,820,557		Warren	01/11/1989	
~	BC	4,963,419		Lustig et al.	10/16/1990	
~	BD	4,927,708		Herran et al.	05/22/1990	
~	BE	4,952,451		Mueller	08/28/1990	
~	BF	5,008,204		Stehling	04/16/1991	
~	BG	5,089,321		Chum et al.	02/18/1992	
~	BH	5,059,481		Lustig et al.	10/22/1991	
~	BI	5,272,236		Lai et al.	12/21/1993	
~	BJ	5,278,272		Lai et al.	01/11/1994	
~	BK	5,292,845		Kawasaki et al.	03/09/1994	
~	BL	5,844,045		Kolthammer et al.	12/01/1998	

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No ¹	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)		
	BM					
	BN					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			T ⁶
Examiner Initials*	Cite No ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) Date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	BO		
	BP		
	BQ		
	BR		
	BS		

Examiner Signature		Date Considered	11-04
--------------------	---	-----------------	-------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO) Standard St.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.